

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
JOHN F. KENNEDY SPACE CENTER, FLORIDA

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION
(BRAND NAME DETERMINATION)

Revitalize Medium Voltage Systems, Industrial & Payload Areas, PCN 98860

ESTIMATED ITEM VALUE OF PROTECTIVE SYSTEM UNIT: \$1,850 per assembly
ESTIMATED ITEM VALUE OF PROTECTIVE RELAYS: \$3,250 per assembly
ESTIMATED ITEM VALUE OF DIFFERENTIAL RELAYS: \$2,700 per assembly
ESTIMATED ITEM VALUE OF REAL TIME CONTROLLERS: \$4,800 per assembly
ESTIMATED ITEM VALUE OF SATELLITE SYNC CLOCKS: \$1,850 per assembly
ESTIMATED TOTAL VALUE OF SINGLE MANUFACTURER ITEMS: \$52,500

- 1.) Based on the justification provided herein, I recommend that an acquisition be made by other than full and open competition for the contract action described below:
- 2.) This contract action is for the acquisition of electrical medium voltage system protection, control and communication equipment manufactured by Schweitzer Engineering Laboratories (SEL) to be installed in conjunction with the Revitalize Medium Voltage Electrical Systems, PCN 98860 project. Proprietary equipment required for this project are SELs Protective System Units, Protective Relays, Differential Relays, Real Time Controllers and Satellite Synchronized Clocks. There are 13 Protective System Units at an estimated cost of \$1,850 each, 3 Protective Relays at an estimated cost of \$3,250 each, two Differential Relays at an estimated cost of \$2,700 each, two Real Time Controllers at an estimated cost of \$4,800 each and two Satellite Synchronized Clocks at an estimated cost of \$1,850 each. The total estimated cost of all the SEL equipment is \$52,000.
- 3.) Contracting without full and open competition is permitted pursuant to 10 U.S.C. 2304 (c) (1) because the equipment required by KSC is available from only one responsible manufacturer and no other manufacturer's equipment will fully satisfy KSC's requirements.
- 4.) There is a reasonable basis to conclude that KSC's requirements can only be satisfied by the proprietary equipment available from Schweitzer Engineering Laboratories (SEL). This single manufacturer requirement is based on software/hardware compatibility issues, communications protocols, and on the training investment previously made by the government on the SEL equipment as described below:
 - a. The unique combination of SEL Intelligent Electronic Devices (IEDs) and their associated Communications Processors are the only devices capable of full compatibility with the Relay Management System being installed at

KSC. The Relay Management System Software (SEL 5010, 5040 and 5601 software solutions) combination is manufactured by Schweitzer Engineering Laboratories and is the engineering software used to perform system protection monitoring, IED configuration, event data collection and oscillographic analysis. This software exists in client/server form and is tailored only for the SEL line of products. To optimize the full capabilities of the SEL system, other manufacturer's products cannot be used.

- b. The SEL software allows KSC personnel to access proprietary device functions such as relay settings, communication configuration, data logging, event waveform capture, oscillographic analysis, and automatic event notification and data collection. No other off-the shelf software package allows for this level of access. The use of other manufacturer's products will drive KSC to develop, at substantial cost to the government, a new server software structure around that manufacturer's product line, creating unacceptable delays in fulfilling the agency's requirements.
 - c. Purchase of the SEL items will not require additional government costs associated with training. The government has on-site personnel already trained and capable of installing, operating, and maintaining the SEL equipment.
- 5.) Efforts will be made to ensure that qualified offerors are solicited from as many potential sources as possible. NAICS Code 238210, Electrical Contractors, is applicable to this acquisition, which will be competed via full and open competition. The project specifications will fully explain the government's requirements regarding SEL system protection relays, communications devices and the relay management system. Additionally, this brand name determination will be posted with the solicitation on the Federal Business Opportunities website at www.fbo.gov.
- 6.) I hereby determine that the price of the prime contract, including the SEL equipment will be fair and reasonable. This determination is based on the belief that the competitive nature of the overall procurement will entice bidding prime contractors to seek the most advantageous pricing from SEL authorized distributors and supply houses.
- 7.) Future actions to remove barriers to competition will include continued efforts to reach out to other manufacturers for compatible SEL equipment in order to reduce the amount of equipment that must be procured on a single manufacturer basis

Pursuant to FAR 6.303-2(b), I hereby certify that the supporting data furnished in support of contracting by other than full and open competition, under 10 U.S.C. 2304(c) (1), with Schweitzer Engineering Laboratories (SEL) for the purchase of electrical medium voltage system protection, control and communication equipment including its network interface

equipment and management software is complete and accurate to the best of my knowledge and belief.

Sudhir B. Mehta
Sudhir Mehta 3/26/13
Facilities Division
TA-B3B

Sherry L Gasaway
Sherry Gasaway 3/26/13
Contracting Officer
OP-CSO